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# CRUISE SUMMARY REPORT

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**CRUISE Name :** ENI08-1A **No :** GDP08-??

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**CRUISE PERIOD start :** 14 march 2008 **to end :** 14 march 2008

**PORT OF DEPARTURE** Ancona (ITALY)

**PORT OF RETURN** Ancona (ITALY)

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**SHIP Name :** DALLAPORTA **Call Sign :** IYVQ **Type of ship :** trawl research vessel (35 m.)

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**RESPONSIBLE LABORATORY Name :** CNR-ISMAR-AN **Address :** Largo Fiera della Pesca, 2  
Ancona, 60125 **Country :** ITALY

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**CHIEF SCIENTIST(S) Name :** Elio Paschini CNR-ISMAR-AN

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## OBJECTIVES AND BRIEF NARRATIVE OF CRUISE

First leg of the first monitoring cruise of ENI methane extraction stations.

Due to logistics problem (the students and the meteo conditions) we made this leg of the cruise in order to have departure end arrival during the same day at the same port.

On this leg we perform 4 stations on the Senigallia transect for the LTER program (4 CTD stations with 13 samples). Winkler analysis was not performed.

The scientific crew was: Paschini and Caccamo.

Ten students (Carlesi, Larivera, Laferrara, Mattielli, Menillo, Mazzotti, Montanari, Moruzzi, Ricci, Segantin,) of Bologna University (Ravenna) were on board for training purposes.

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**PROJECT name :** ENI **Coordinating body :** CNR-ISMAR-AN

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## PRINCIPAL INVESTIGATORS

	name	body	address	country	e-mail
A	Elio Paschini	CNR-ISMAR-AN	Largo Fiera della Pesca,2 60125 Ancona	ITALY	<i>e.paschini@ismar.cnr.it</i>
B	Mauro Marini	as above			<i>m.marini@ismar.cnr.it</i>

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## MOORINGS, BOTTOM MOUNTED GEAR AND DRIFTING SYSTEMS

**PI Latitude Longitude TYPE DESCRIPTION**

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## SUMMARY OF MEASUREMENTS AND SAMPLES TAKEN

PINO	UNITS	TYPE	DESCRIPTION
A 1	file	D90	cruise track Navigation program SeaClearII with GARMIN GPS 36
A 4	casts	H10	SBE9/11+ (C, T, D), SBE43 (Oxy), TURNER SCUFA(FI,Tur)
A 4	casts	H09	Rosette GO1015 with 3 bottles of 10 litres YDRO-BIOS
B 13	samples	H22, H24, H25, H76, H26	Phosphate, Nitrate, Nitrite, Ammonia, Silicate, on shore analysis with Autoanalyzer BRAN+LUEBBE model QuAAtro (2 Ch.)
B 13	samples	B02	Phytoplankton Pigments (Chlorophyl a, b, c) on shore analysis with HPLC DIONEX model PDA100+GP50

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**TRACK CHART :** none

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**GENERAL OCEAN AREA(S) :** Eastern Mediterranean Sea (179 Marsden Square)

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**SPECIFIC AREAS :** North Adriatic Sea

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